In the claims:

For the Examiner's convenience, all pending claims are presented below with changes shown in accordance with the mandatory amendment format.

1. (Currently Amended) A method of managing power generated within a computer system, the method comprising:

operating the computer system at a first central processing unit (CPU);

receiving a first signal at an operating system, the first signal generated by a thermal sensor within the first CPU;

selecting, by the operating system, a second CPU to receive a workload of the first CPU based on the first signal;

distributing, by the operating system, the workload between both of the first CPU and the second CPU; and

resuming operation of the computer system at the first CPU and the second CPU.

2. (Original) The method of claim 1 further comprising determining a least recently used (LRU) CPU in the computer system upon receiving the signal from the first CPU.

3. (Original) The method of claim 2 wherein the second CPU is the LRU CPU.

4. (Original) The method of claim 2 further comprising:

receiving a second signal generated by a thermal sensor within the second CPU;

determining a CPU in the computer system; and

resuming operation of the computer system at a third CPU.

5. (Currently Amended) A computer system comprising:

a first central processing unit (CPU);

a second CPU; and

an operating system controlling the first CPU and the second CPU to:

receive a first signal generated by a thermal sensor within the first CPU;

select the second CPU to receive a workload of the first CPU based on the first signal;

distribute the workload between both of the first CPU and the second CPU; and

resume operation of the computer system at both of the first CPU and the second CPU.

6. (Original) The computer system of claim 5 wherein the first CPU and the second CPU each include a thermal sensor.

7. (Original) The computer system of claim 6 wherein the operation of the computer system is transferred from the first CPU to the second CPU upon the thermal sensor within the first CPU measuring the predetermined power threshold.

8. (Original) The computer system of claim 5 further comprising a cooling system.

9. (Original) The computer system of claim 8 wherein the cooling system comprises:

a heat pipe coupled to the first CPU and the second CPU;

a heat exchanger; and

a cooling fan.

10. (Original) The computer system of claim 1 further comprising a third CPU, wherein the operation of the computer system is transferred from the second CPU to a least recently used (LRU) CPU upon the second CPU reaching a predetermined power threshold.

11. (Original) The computer system of claim 10 wherein the third CPU is the LRU CPU.

12. (Currently Amended) A cooling system comprising:

~~a heat pipe; and~~

a first central processing unit (CPU); coupled to the heat pipe; ~~and~~

a second CPU communicatively coupled to the first CPU; ~~heat pipe, wherein~~

a heat pipe coupled to the first CPU and the second CPU to dissipate heat away from the first CPU and the second CPU; and

an operating system controlling the first CPU and the second CPU to:

make[[s]] the first CPU active until the first CPU reaches[[ing]] a predetermined power threshold; and ~~the operating system~~

distribute[[s]] the operation of the first CPU between the first CPU and the second CPU ~~active~~ upon the first CPU reaching the predetermined power threshold in order to spread the heat between the first CPU and the second CPU.

13. (Previously Presented) The cooling system of claim 12 wherein the first CPU and the second CPU each include a thermal sensor.

14. (Previously Presented) The cooling system of claim 12 further comprising:

a third CPU, wherein a least recently used (LRU) CPU becomes active upon the first CPU reaching the predetermined power threshold.

15. (Original) The cooling system of claim 14 wherein the third CPU is the LRU CPU.

16. (Original) The cooling system of claim 12 further comprising:

a block coupled between the first CPU and the heat pipe;

heat exchanger; and

a cooling fan.